

# Supplementary Figure 2

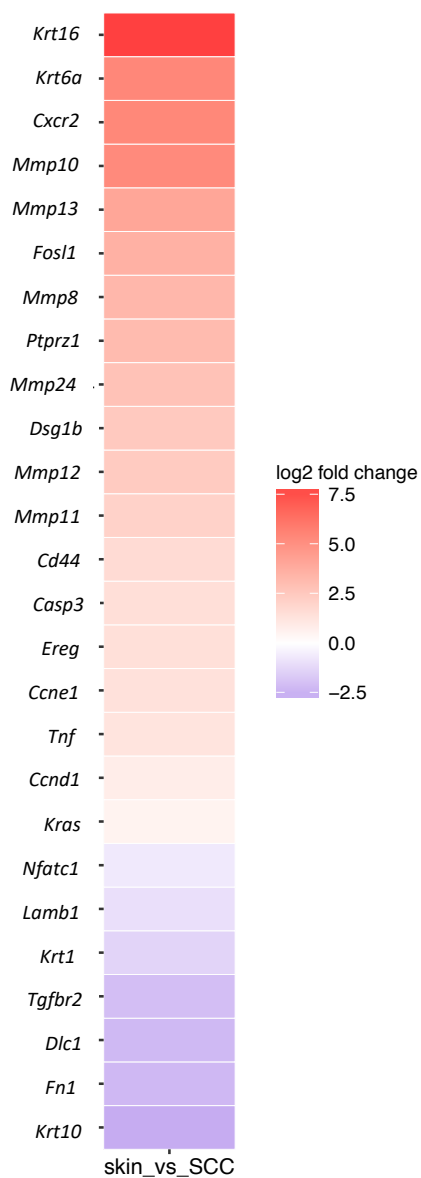
a

Selected GO terms of first 1500 hits skin vs tumor

| GO biological process complete      | Gene number | Expected number | Fold Enrichment | P value  |
|-------------------------------------|-------------|-----------------|-----------------|----------|
| positive regulation of MAPK cascade | 66          | 29.91           | 2.21            | 4.54E-05 |
| regulation of cell migration        | 98          | 47.94           | 2.04            | 5.45E-07 |
| inflammatory response               | 63          | 27.09           | 2.33            | 1.74E-05 |

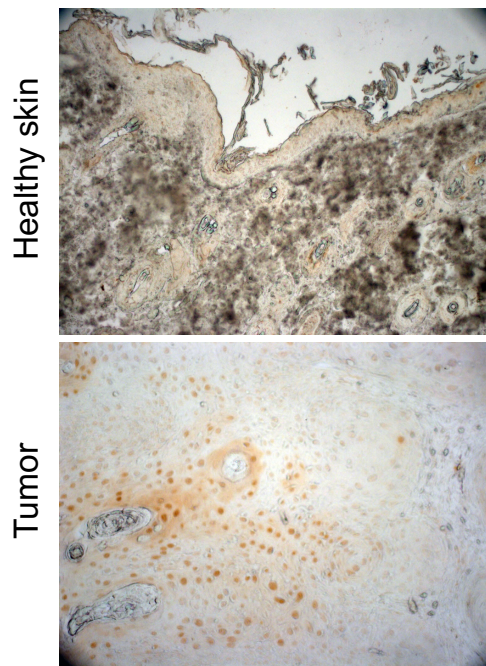
b

Malignancy markers  
Tumor vs Skin



c

p-Erk



d

WNT secretory factors  
Tumor vs Skin

